

FIG. 1.

FIG. 2.

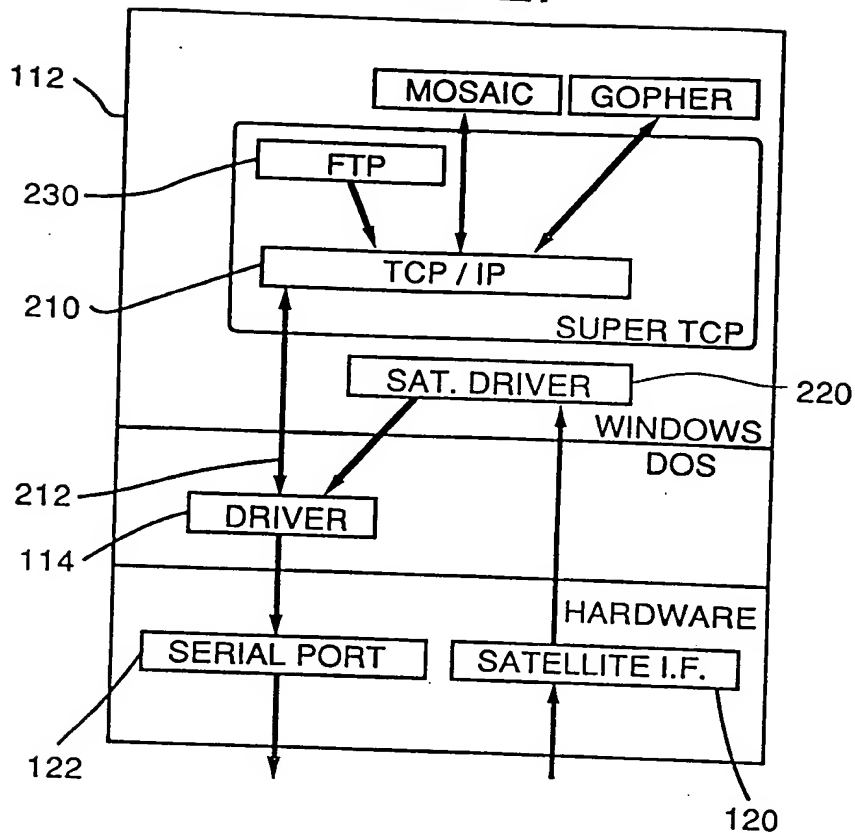


FIG. 3.

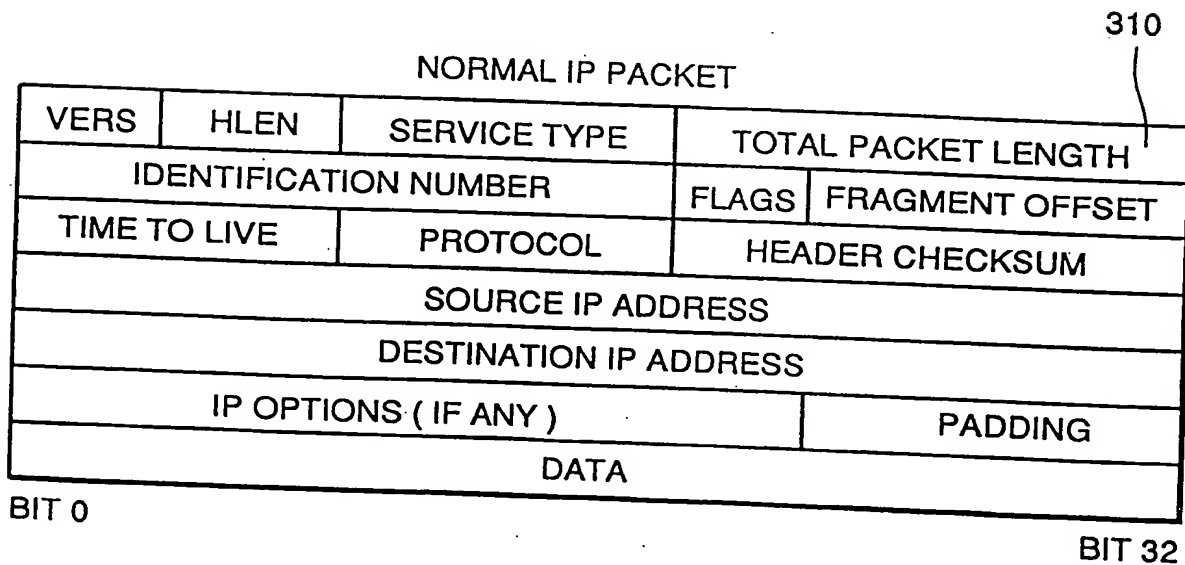


FIG. 4.

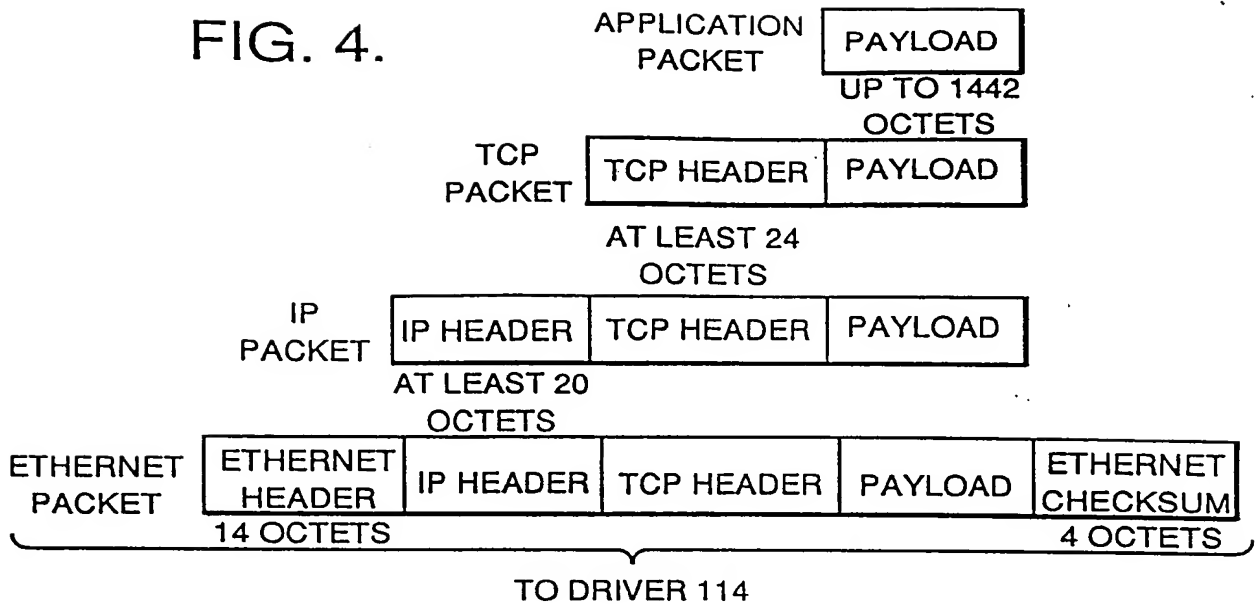
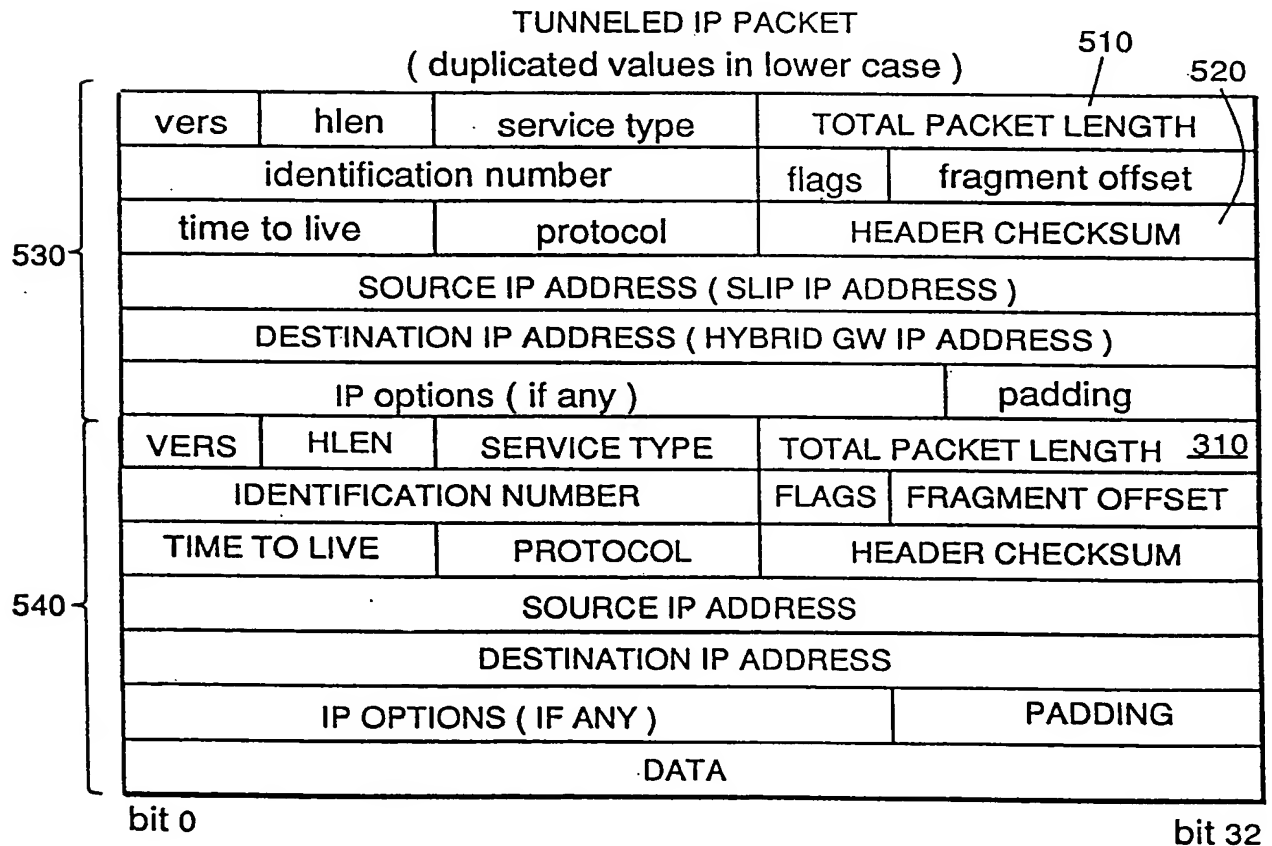


FIG. 5.



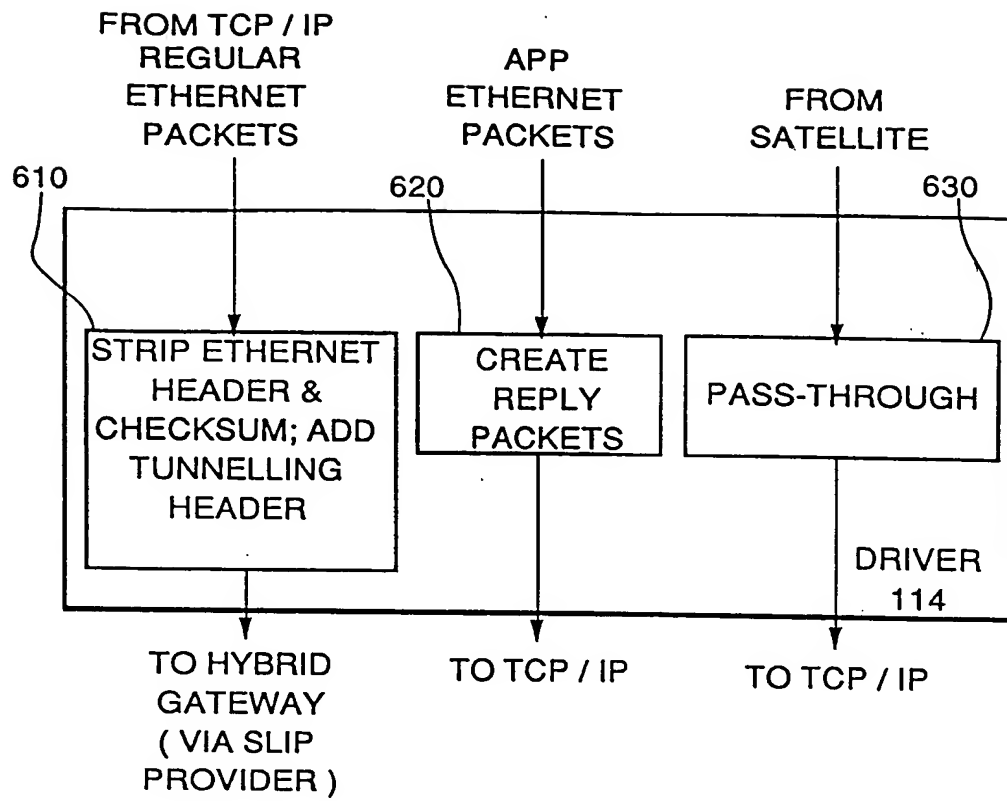


FIG. 6.

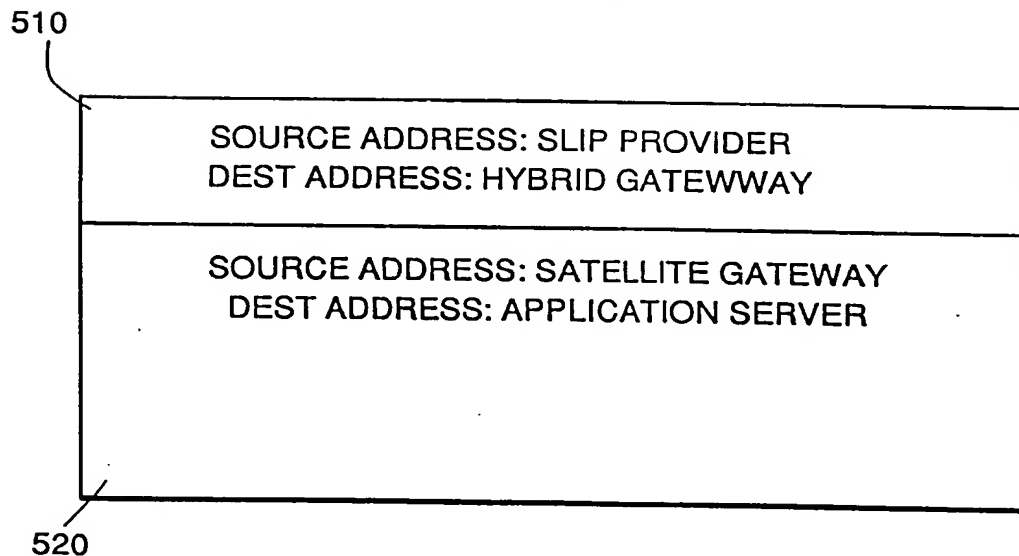


FIG. 7.

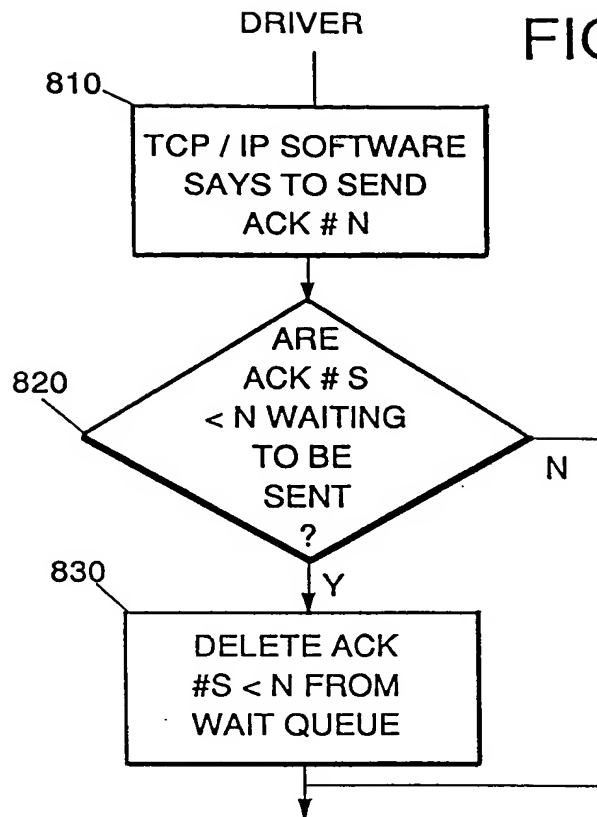


FIG. 9.

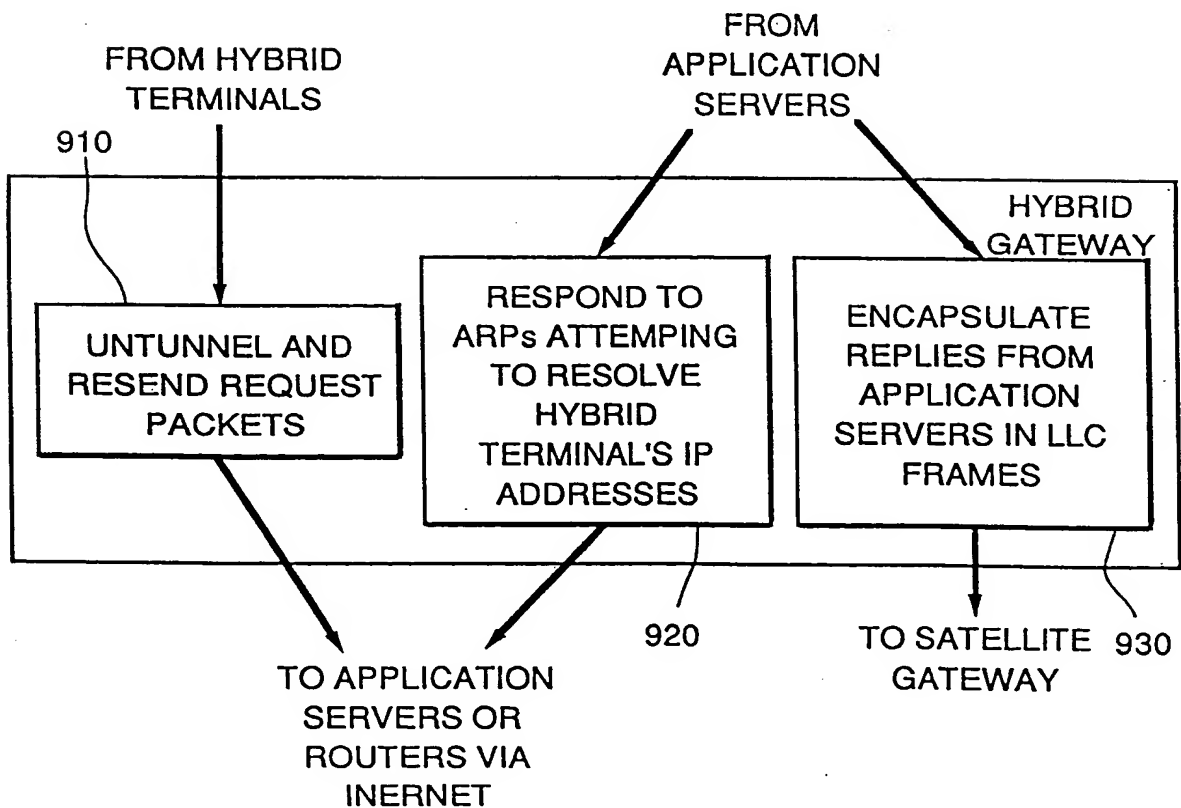


FIG. 10.

1030	1020	1010
LLC HEADER	SATELLITE HEADER	IP DATAGRAM ( PAYLOAD )
DELIVERS PACKET TO SATELLITE GATEWAY STRIPPED OFF IN SATELLITE GATEWAY	USED TO ID CORRECT RECEIVER TERMINAL  STRIPPED OFF IN BIC DRIVER IN USER TERMINAL	DESTINED FOR TCP/IP PACKAGE IN USER TERMINAL

FIG. 11.

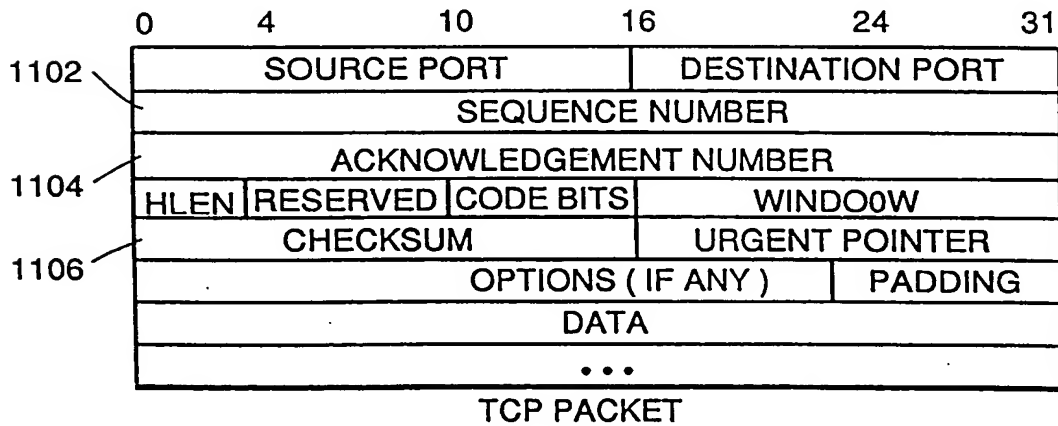


FIG. 12.

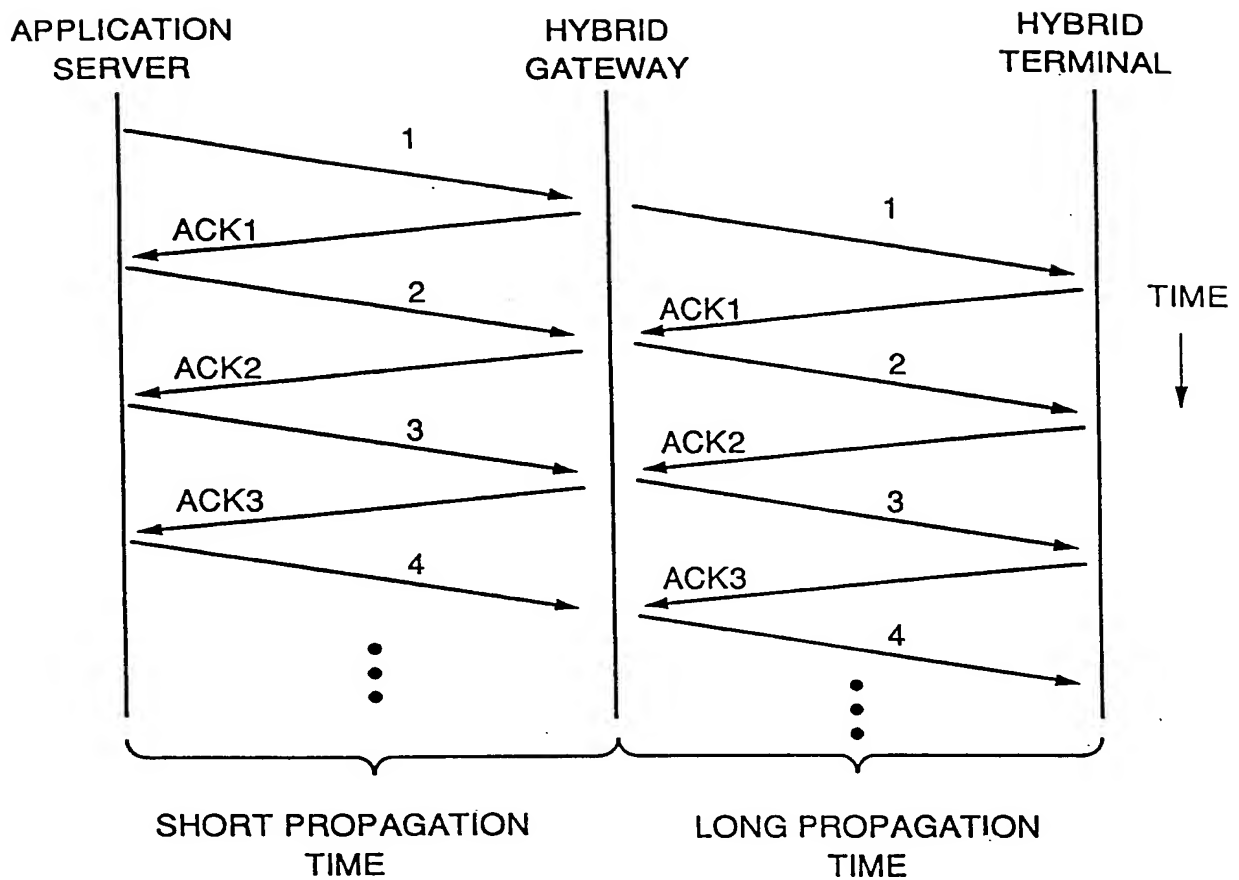


FIG. 13a.

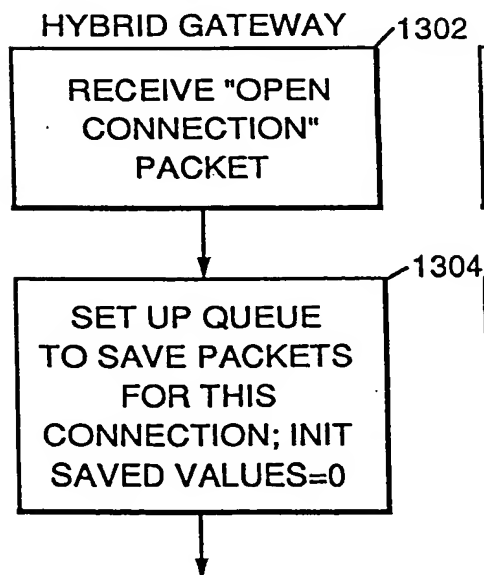


FIG. 13b.

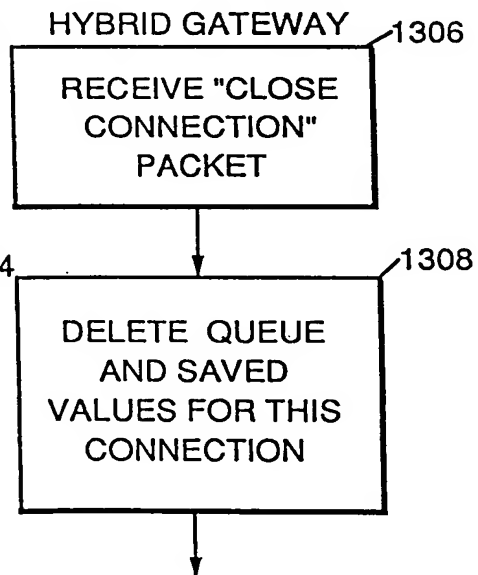


FIG. 13c.

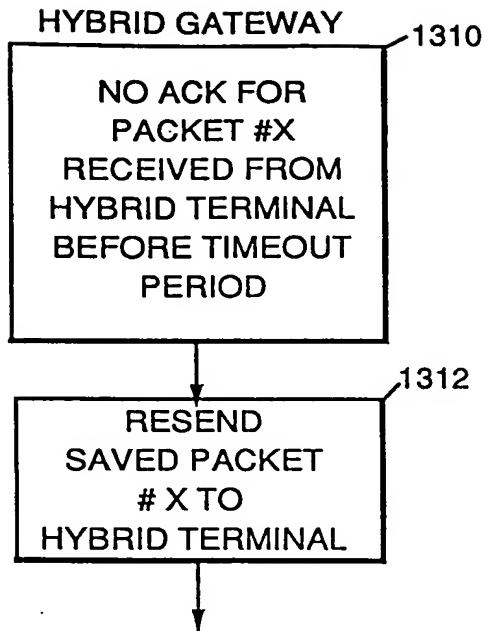


FIG. 13d.

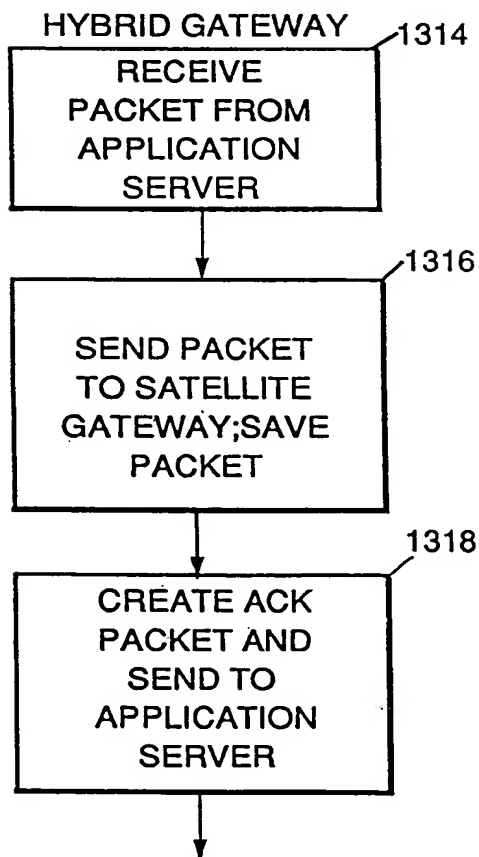
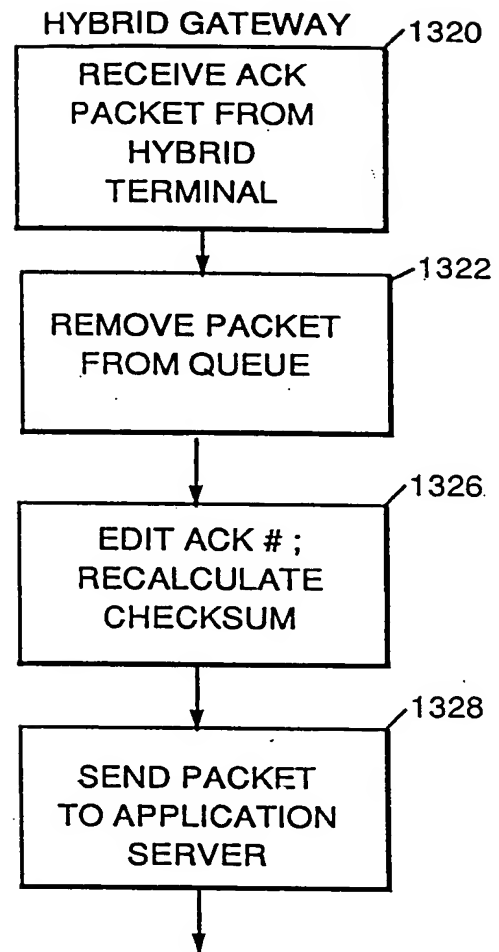


FIG. 13e.





1410

1412

Terrestrial Telnet Enable: ☐ Select All (except \*\*)

<input type="checkbox"/>	Domain Name System	(53)
<input checked="" type="checkbox"/>	Finger	(79)
<input checked="" type="checkbox"/>	Ping	(NA)
**	Simple Mail Transfer Protocol	(25)
<input checked="" type="checkbox"/>	Telnet	(23)

Application Name

Protocol: ☒ TCP/UDP ☐ Other

Port Id  Protocol Id:

Help

Cancel

Add

Delete

OK

FIG. 14

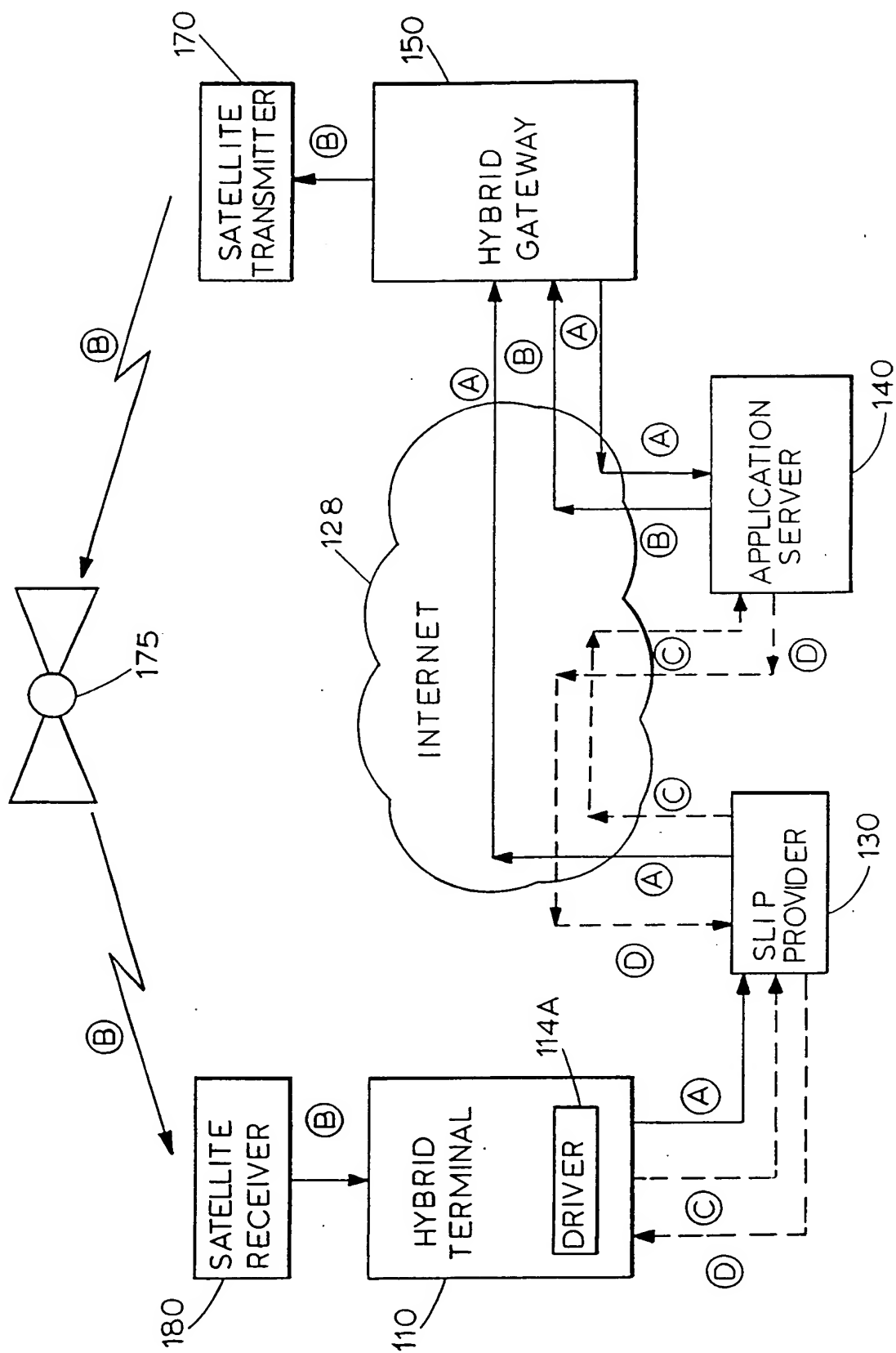


FIG. 15

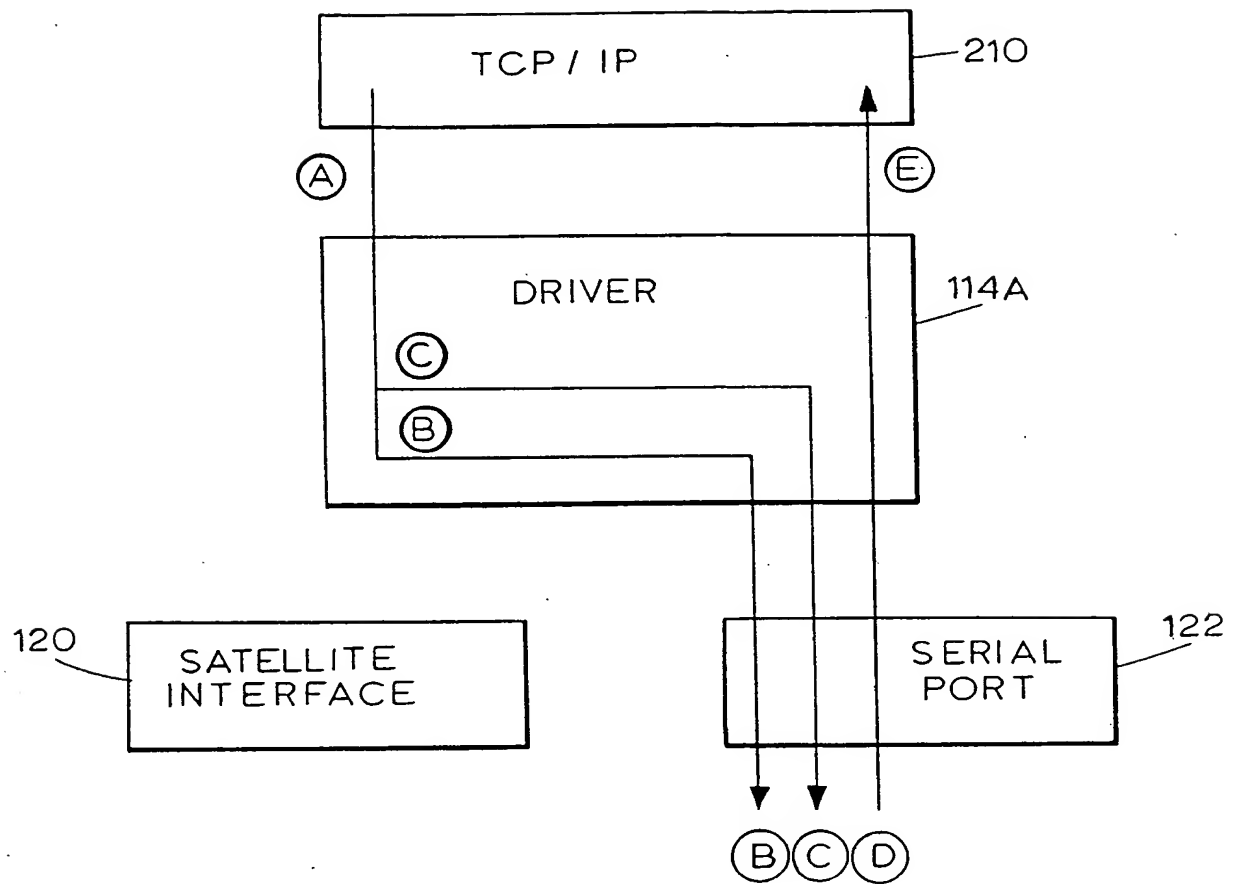


FIG. 16

DA = application server	SA = satellite interface	IP header checksum	TCP/UDP checksum	Request Data
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FIG. 16A ORIGINAL REQUEST PACKET

new DA = hybrid gateway	new SA = SLIP provider	new IP header checksum	DA = application server	SA = satellite interface	IP header checksum	TCP/UDP checksum	Request Data
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FIG. 16B TUNNELED SATELLITE REQUEST PACKET

DA = application server	(new) SA = SLIP provider	(new) IP header checksum	(new) TCP/UDP checksum	Request Data
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FIG. 16C TERRESTRIAL REQUEST PACKET

DA = SLIP provider	SA = application server	IP header checksum	TCP/UDP checksum	Request Data
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FIG. 16D TERRESTRIAL REPLY PACKET

(new) DA = satellite interface	SA = application server	IP header checksum	TCP/UDP checksum	Request Data
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FIG. 16E MODIFIED TERRESTRIAL REPLY PACKET

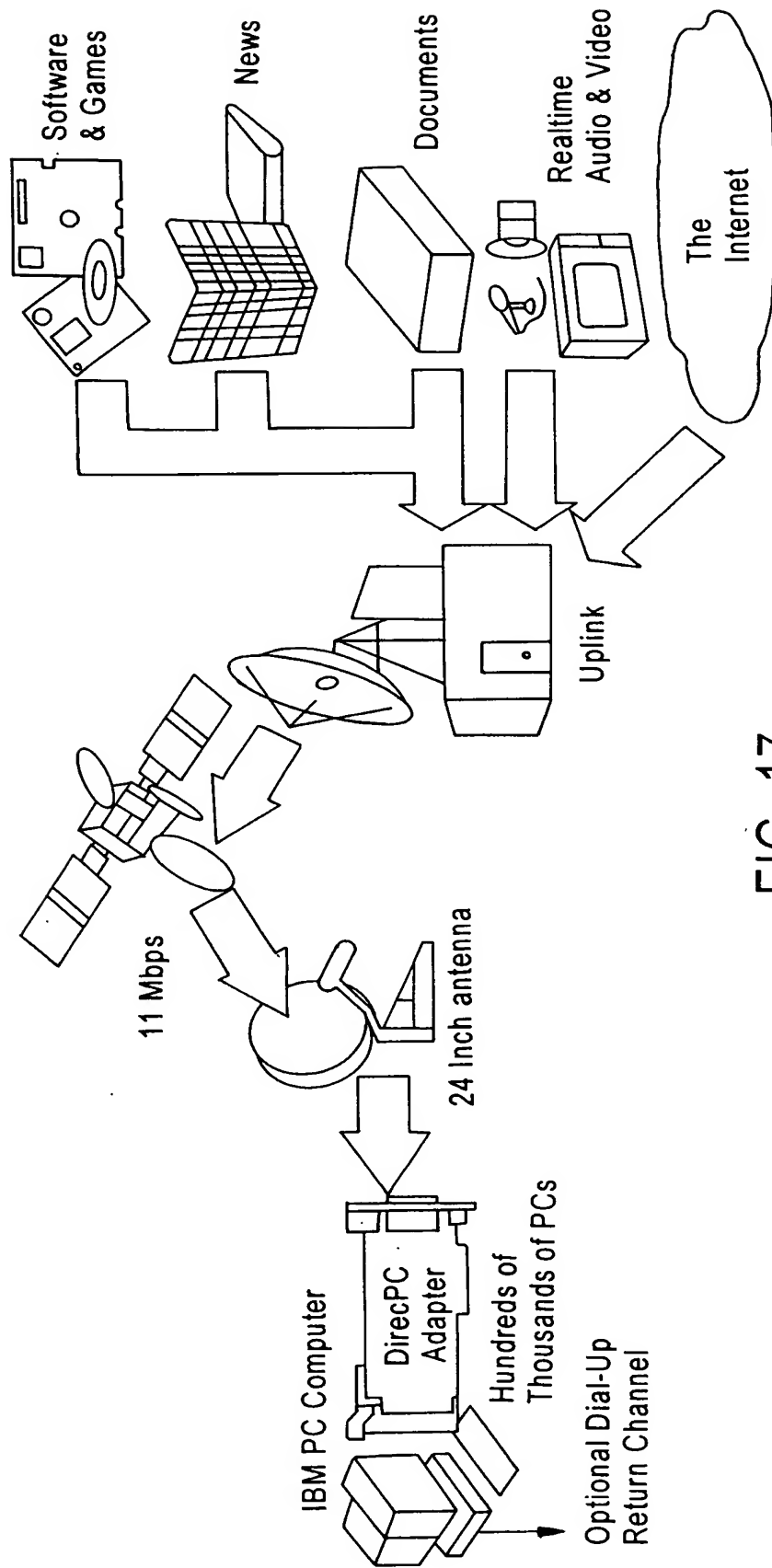


FIG. 17

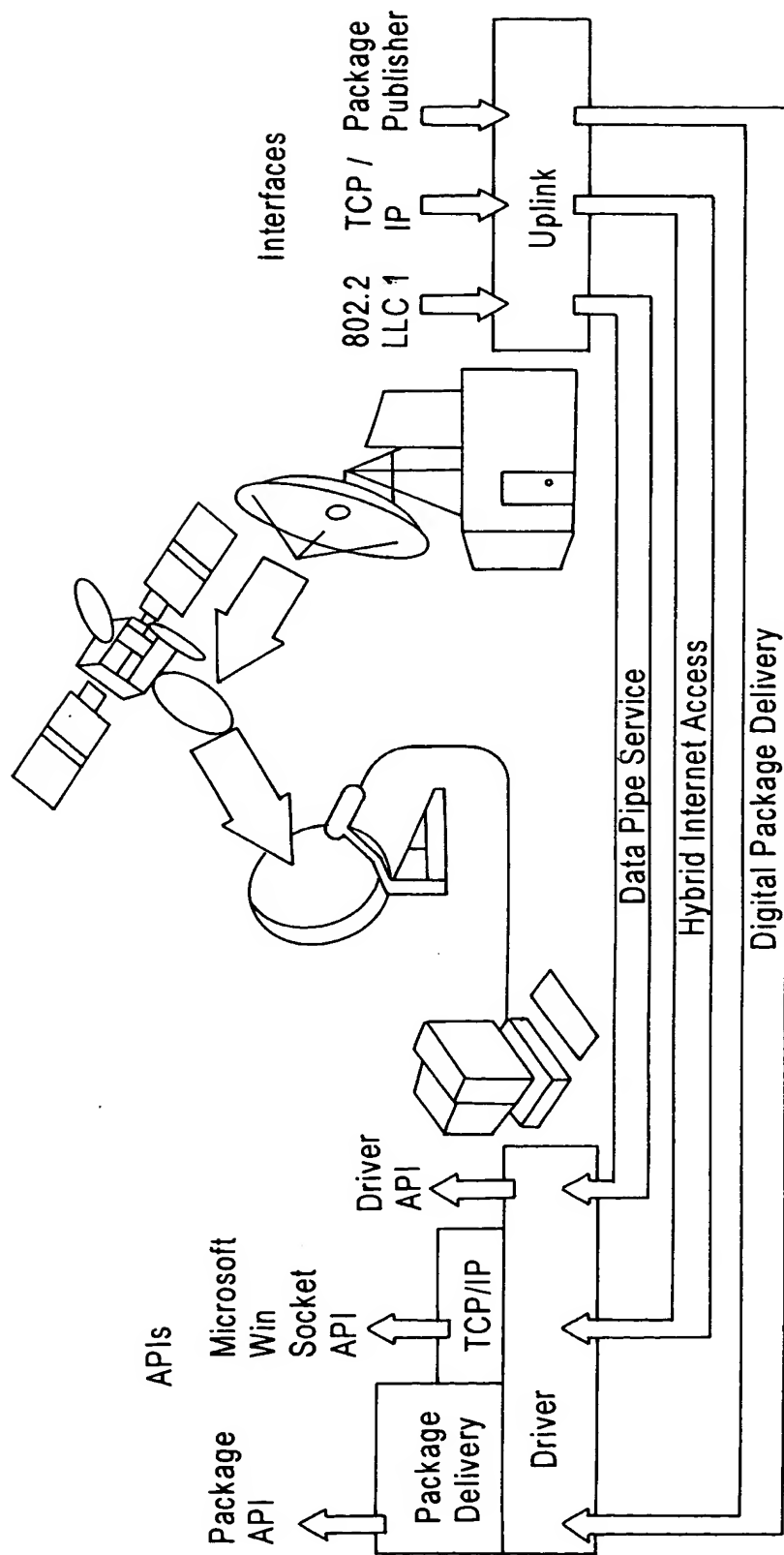


FIG. 18